



Atmosphere Group Discussion Summary



- **Validation Plan**
 - Each EOS instrument science team member under contract to write val plan
 - » due to EOS Validation Scientist end of December
 - » each reviewed by Val Workshop in May 1996, revised by July 1996
 - » EOS Project Science Office has provided template
- **Software delivery — lessons learned**
 - MODIS in relatively good shape in terms of ECS needs and HDF
 - Atmosphere Group must begin to focus on Level 3 products
 - » will soon designate group member for L3 processing and gridding of Atmosphere products



Atmosphere Group Discussion Summary



- **Algorithm Integration**
 - may need remapping grids for equal area
 - agreed to 10-day cycle (Kaufman prefers 8)
 - will add new support person to head this task
- **SCAR - B results**
 - campaign was a success, analyzing data
- **MAS Status Report**
 - MAS article for Journal of Atmospheric and Oceanic Technology completed with response to reviewers and blackbody characterization work (now on WWW)
 - MAS should have been shipped to GSFC this week for thermal vac - Ames shut down the gate!
 - Will be used in SUCCESS & TARFOX campaigns in '96



Atmosphere Group Discussion Summary



- **MAS Status Report (cont.)**
 - frequent use requires regular maintenance and characterization
 - » adding blue channel, new dichroics
- **Science Advisory Panel update**
 - feel that Atmosphere progress through L2 is good
 - concern noted over Atmosphere L3 data processing
 - January '96 Version 1 delivery of L3 not likely
 - synthetic data set not useful for testing Atmosphere “science”
- **Airborne Sensor Workshop held Oct. 2**
 - MISR Airborne Simulator likely designed for ER-2 nose
 - MODIS Land and ASTER Teams suggest MASTER -- MODIS-ASTER Simulator for low-flying aircraft



Atmosphere Group Discussion Summary



- **GLI Spectral Characterization**
 - T. Nakajima Interested in establishing network for cal system
 - Would like increased collaboration w/ MODIS Team
 - Kaufman suggests joint NASA/NASDA global lidar system
- **Cal/Val Campaign Planning**
 - began discussion on collective strategy for val activities through 2000
 - **SUCCESS & TARFOX** in '96
 - **MAS** overflight of **MOBY** in '97?
 - » will coordinate with **SeaWiFS & ADEOS** overflights
 - **Second SCAR - C** in '97



Atmosphere Group Discussion Summary



- **Cal/Val Campaign Planning (cont.)**
 - FIRE III in '98 -- Atmosphere heads up phase 2 of that
 - Radiometric calibration over ARM site in October 98
 - » coordination with HIS and MAS
 - Ground-based monitoring networks
 - » AERONET, ARM, AEROCE, ECLIPS, all-sky camera
- **Next MST Meeting site and dates**
 - Recommend May 1-3, 1996, in Santa Barbara
 - » conflicts with SUCCESS